



Northstar 8000i 8 Port Network Linker

Installation Manual

NORTHSTAR★

www.northstarnav.com

1 **Warning and safety information**

IMPORTANT SAFETY INFORMATION	
Please read carefully before use	
	This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety measures that follow this symbol to avoid possible injury or death.
	WARNING indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
	CAUTION indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.
	CAUTION used without the safety alert symbol indicates a potentially hazardous situation which, if not avoided, may result in property damage.



Read and observe the Warnings and Notices in the Northstar 8000i System Installation Manual.

2 *Disclaimer*

As Northstar is continuously improving this product we retain the right to make changes to the product at any time which may not be reflected in this version of the manual. Please contact your nearest Northstar distributor if you require any further assistance.

It is the owner's sole responsibility to install and use the instrument and transducers in a manner that will not cause accidents, personal injury or property damage. The user of this product is solely responsible for observing safe boating practices.

BRUNSWICK NEW TECHNOLOGIES INC. AND ITS SUBSIDIARIES AND AFFILIATES DISCLAIM ALL LIABILITY FOR ANY USE OF THIS PRODUCT IN A WAY THAT MAY CAUSE ACCIDENTS, DAMAGE OR THAT MAY VIOLATE THE LAW.

Governing Language: This statement, any instruction manuals, user guides and other information relating to the product (Documentation) may be translated to, or has been translated from, another language (Translation). In the event of any conflict between any Translation of the Documentation, the English language version of the Documentation will be the official version of the Documentation.

This manual represents the product as at the time of printing. Brunswick New Technologies Inc. and its subsidiaries and affiliates reserve the right to make changes to specifications without notice.

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3 *Warranty*

The Northstar Warranty Statement is supplied as a separate document.

It is shipped with the Product Registration Card.

In case of any queries, refer to www.northstarnav.com.

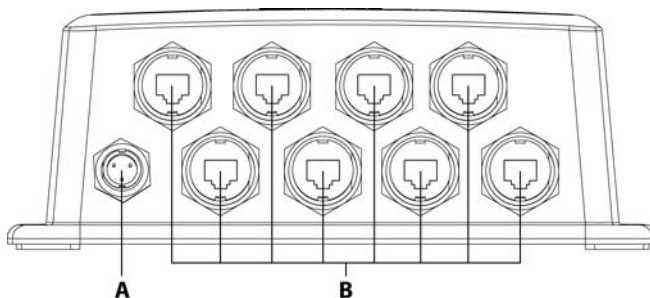
Contents

1	Warning and safety information	2
2	Disclaimer	3
3	Warranty	3
4	Northstar 8000i 8 Port Network Linker	5
5	What comes with your Northstar 8000i 8 Port Network Linker	7
6	Installation	8
7	Maintenance	10
8	Specifications	10
9	Technical support, service and repairs	10

4 **Northstar 8000i 8 Port Network Linker**

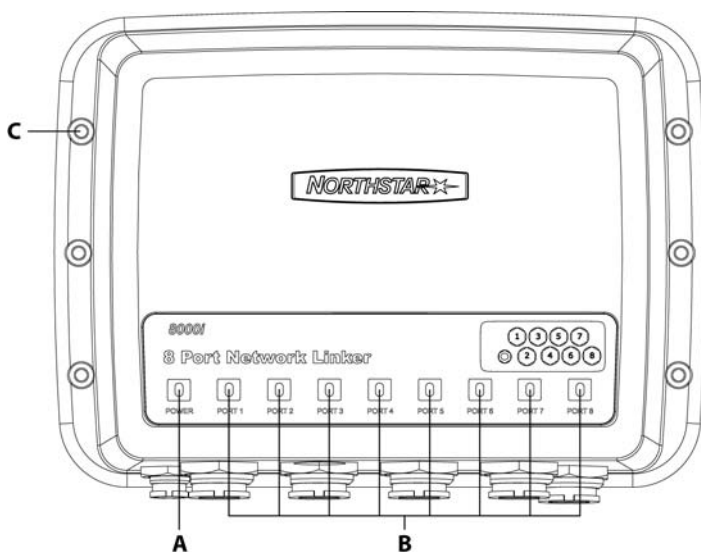
The Northstar 8000i 8 Port Network Linker is installed in a Northstar 8000i System to link up to eight network devices. This manual describes how to install the unit, and must be used with the guides in the Northstar 8000i System Installation Manual.

8 Port Network Linker - Front view



A	Power	Connect to supplied power (see "Installation" page 8)
B	Network Connection Ports	8 Waterproof network connections. These can connect to any Northstar 8000i network device. for more information see Northstar 8000i System Installation Manual

8 Port Network Linker - Top view

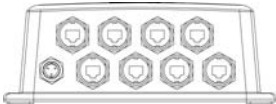
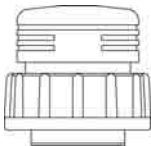
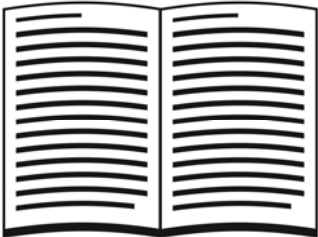


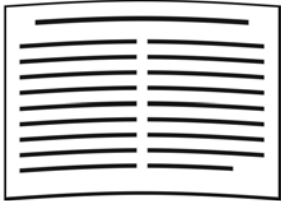
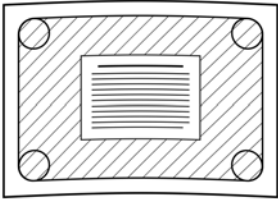
A	POWER LED	The red LED indicated that the unit has power and is turned on
B	PORT LEDs	The LEDs indicate the status of the network port a device is connected to: Yellow indicates that a link is made between the device and the 8 port network linker. A green light indicates network traffic collision
C	Panel Mounting Holes	Use these holes to mount unit

5

What comes with your Northstar 8000i

8 Port Network Linker

	
8 Port Network Linker NS004721	
	
Large Protective Caps x 8 CN000222-G	Mounting Screws x 6 HR000087
	
Power Cable AS000455-G	
	Warranty
This Manual MN000616D-G	Warranty

	
Registration Card	Mounting Template LA000591A-G

6 **Installation**

WARNING

Read and observe the Warnings and Notices in the Northstar 8000i System Installation Manual.

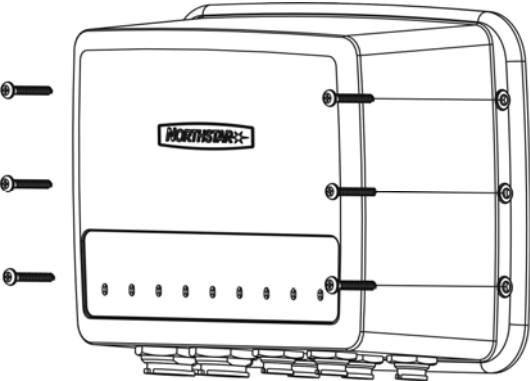
CAUTION

Follow the Installation Guide in the Northstar 8000i System Installation Manual.

CAUTION

Find a suitable location for the unit following the Location Guidelines in the Northstar 8000i System Installation Manual.

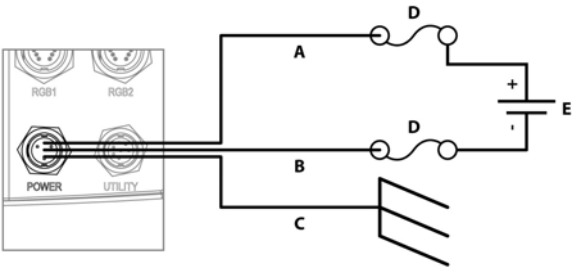
Use the screws supplied to screw the case to the panel.



The unit and all connectors are waterproof. The unit screws to a vertical panel with the connectors facing down. Form the cables into loops below the unit so that any condensation will drip off.

Connect all necessary network cables to the Network Linker and to the other Network devices (See Northstar 8000i System Installation manual for more information)

Connect to supplied power cable making sure a 5 Amp fuse is used



A	Red	Battery Positive
B	Black	Battery Negative
C	Brown	Ships Ground
D	Fuse	Use a 5 Amp fuse or breaker
E	Battery	

Turn the unit's power supply and the Northstar 8000i System on. Check that the red power LED is on. Yellow Link LEDs will be lit of ports connected to Active network devices

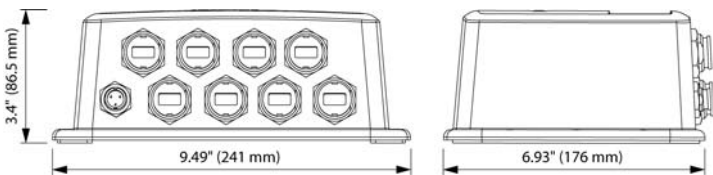
The unit turns on automatically when you turn the unit's power supply on and the Northstar 8000i System on - it does not have a separate power switch.

7 Maintenance



Follow the Maintenance Guidelines in the Northstar 8000i System Installation Manual.

8 Specifications



Power supply:	10 V DC to 35 V DC, 3 W maximum.
Operating temperature:	5°F to 131°F (-15°C to 55°C).
Environment:	The case and cables are waterproof to IPX6.

9 Technical support, service and repairs

Northstar products are manufactured and serviced by BNT Marine Electronics. The product is covered by a warranty which is supplied as a separate document. If you need technical support, or answers to other questions after you've followed the instructions in this manual, you can:

- contact your Northstar distributor or
- see the inside back cover of the manual or
- visit www.northstarnav.com.

Before you make contact, be sure to have:

- the serial number of the hardware (usually shown on the faceplate of the unit).

When you describe the problem, be as complete and as accurate as possible.

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